

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for controlling data interchange between mobile subscribers ~~(A, B)~~ in a packet-oriented mobile communication network, ~~where~~comprising:

[[-]] managing each subscriber ~~(A, B)~~ ~~is managed~~ at a particular control network node ~~(SGSN)~~ in the mobile communication network on the basis of his respective current location in the mobile communication network, and

[[-]] controlling connections from/to a mobile communication terminal associated with the mobile subscriber ~~(A, B)~~ ~~are controlled~~ ~~(SGSN)~~ within the mobile communication network by the appropriate control network node,

~~in which~~wherein

[[-]] the control network node ~~(SGSN)~~ stores an address register containing all of the addresses associated with the mobile subscribers ~~(A, B)~~ managed by the control network node ~~(SGSN)~~,

[[-]] the control network node ~~(SGSN)~~ takes incoming data packets and reads a destination address associated with the data packets, and uses a search function to compare said destination address with the address register,

[[-]] if the destination address is present in the address register then the data packets are handled and forwarded within the mobile communication network exclusively by the control network node ~~(SGSN)~~, and

[[-]] if the destination address is absent from the address register then the data packets are routed from the control network node ~~(SGSN)~~ to a further network node ~~(GGSN)~~ in the mobile communication network for the purpose of further handling.

2. (Currently Amended) The method as claimed in claim 1, ~~characterized in that~~wherein the address register chosen is a "hashing table" with a hash function.

3. (Previously presented) The method as claimed in claim 1, wherein the mobile radio communication network chosen is a GPRS or UMTS network.

4. (Currently Amended) A mobile radio communication network having at least one control network node (~~SGSN~~), at which mobile subscribers (~~A, B~~) in the mobile radio communication network are managed on the basis of their current location and connections from/to a communication terminal associated with a mobile subscriber (~~A, B~~) managed at the control network node (~~SGSN~~) are controlled within the mobile radio communication network, ~~characterized in that~~ wherein the control network node (~~SGSN~~) contains a filter function which is used to filter incoming data packets on the basis of a destination address which is respectively indicated in the data packets.

5. (Currently Amended) The mobile radio communication network as claimed in claim 4, ~~characterized in that~~ wherein the control network node (~~SGSN~~) contains a table which records all subscribers (~~A, B~~) managed by the control network node (~~SGSN~~) with the addresses appropriately associated with the subscribers.

6. (Currently Amended) The mobile radio communication network as claimed in claim 5, ~~characterized in that~~ wherein the filter function is able to perform a comparison between a destination address indicated in a data packet and the table's recorded addresses appropriately associated with the subscribers.

7. (Currently Amended) The mobile radio communication network as claimed in claim 4, wherein the control network node (~~SGSN~~) contains a routing function which can be used to route selected data packets with a destination address to the destination address by bypassing other network nodes.

8. (Currently Amended) The mobile radio communication network as claimed in claim 4, wherein the control network node (~~SGSN~~) contains the filter function and the routing function coupled to one another such that the data packets filtered out by the filter function on the basis of a

destination address respectively indicated in the data packets are forwarded to the respective destination address by the routing function by bypassing other network nodes.